Danaus plexippus (Monarch)

Report Date: January 13, 2016

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: Insecta (Insects)

Order: Lepidoptera (Butterflies, Skippers, And Moths)

Family: Nymphalidae (Brushfooted Butterflies)

General comments:

Significant and protracted population declines documented at Mexican overwintering sites over past 20 years

Species Conservation Range Maps for Monarch:

Town Map: <u>Danaus plexippus_Towns.pdf</u>
Subwatershed Map: <u>Danaus plexippus_HUC12.pdf</u>

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern: NA

Recent Significant Declines:

Monarch is currently undergoing steep population declines, which has already led to, or if unchecked is likely to lead to, local extinction and/or range contraction.

Notes: Significant and protracted pop declines documented at Mexican overwintering sites over past 20 years

Regional Endemic: NA

High Regional Conservation Priority: NA High Climate Change Vulnerability: NA

Understudied rare taxa: NA

Historical: NA

Culturally Significant: NA

Habitats Assigned to Monarch:

Formation Name Agricultural

Macrogroup Name Agricultural

Habitat System Name: Cultivated Crops Notes: where host plant (milkweed) present Habitat System Name: Pasture-Hay Notes: where host plant (milkweed) present

Formation Name Grassland & Shrubland

Macrogroup Name Ruderal Shrubland & Grassland

Habitat System Name: Powerline Right-of-Way Notes: where host plant (milkweed) present
Habitat System Name: Ruderal Upland - Old Field Notes: where host plant (milkweed) present

Stressors Assigned to Monarch:

No Stressors Currently Assigned to Monarch or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Monarch:

No Species Specific Conservation Actions Currently Assigned to Monarch or other Priority 3 SGCN.

Guild Level Conservation Actions:

This Species is currently not attributed to a guild.

Broad Taxonomic Group Conservation Actions:

Relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action

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Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.